RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/536, 880A_

Source: _IFWP_

Date Processed by STIC: _8/14/06_

ENTERED

IFWP

RAW SEQUENCE LISTING　　　　　　　　　　DATE: 08/14/2006
PATENT APPLICATION:　US/10/536,880A　　　TIME: 13:33:58

Input Set : A:\272924US0PCT.ST25.txt
Output Set: N:\CRF4\08142006\J536880A.raw

```
 3 <110> APPLICANT: Onoue, Satomi
 4         Endo, Kousuke
 5         Matsumoto, Asami
 7 <120> TITLE OF INVENTION: PEPTIDES AND MEDICINAL COMPOSITIONS CONTAINING
THE SAME
 9 <130> FILE REFERENCE: 272924US0PCT
11 <140> CURRENT APPLICATION NUMBER: 10/536,880A
12 <141> CURRENT FILING DATE: 2005-05-27
14 <150> PRIOR APPLICATION NUMBER: PCT/JP03/14924
15 <151> PRIOR FILING DATE: 2003-11-21
17 <150> PRIOR APPLICATION NUMBER: JP 2002-344523
18 <151> PRIOR FILING DATE: 2002-11-27
20 <160> NUMBER OF SEQ ID NOS: 34
22 <170> SOFTWARE: PatentIn version 3.3
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 27
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic Peptide
33 <220> FEATURE:
34 <221> NAME/KEY: MISC_FEATURE
35 <222> LOCATION: (5)..(5)
36 <223> OTHER INFORMATION: Xaa = Val or Ile
38 <220> FEATURE:
39 <221> NAME/KEY: MISC_FEATURE
40 <222> LOCATION: (8)..(8)
41 <223> OTHER INFORMATION: Xaa = Asp, Glu or Ala
43 <220> FEATURE:
44 <221> NAME/KEY: MISC_FEATURE
45 <222> LOCATION: (9)..(9)
46 <223> OTHER INFORMATION: Xaa = Asn or Ser
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (11)..(11)
51 <223> OTHER INFORMATION: Xaa = Thr or Ser
53 <220> FEATURE:
54 <221> NAME/KEY: MISC_FEATURE
55 <222> LOCATION: (13)..(13)
56 <223> OTHER INFORMATION: Xaa = Leu or Tyr
58 <220> FEATURE:
59 <221> NAME/KEY: MISC_FEATURE
60 <222> LOCATION: (15)..(15)
61 <223> OTHER INFORMATION: Xaa = Lys or Arg
```

```
 63 <220> FEATURE:
 64 <221> NAME/KEY: MISC_FEATURE
 65 <222> LOCATION: (17)..(17)
 66 <223> OTHER INFORMATION: Xaa = Leu or Nle
 68 <220> FEATURE:
 69 <221> NAME/KEY: MISC_FEATURE
 70 <222> LOCATION: (20)..(20)
 71 <223> OTHER INFORMATION: Xaa = Lys or Arg
 73 <220> FEATURE:
 74 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (21)..(21)
 76 <223> OTHER INFORMATION: Xaa = Lys or Arg
 78 <220> FEATURE:
 79 <221> NAME/KEY: MISC_FEATURE
 80 <222> LOCATION: (26)..(26)
 81 <223> OTHER INFORMATION: Xaa = Ile or Val
 83 <220> FEATURE:
 84 <221> NAME/KEY: misc_feature
 85 <222> LOCATION: (27)..(27)
 86 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
 88 <400> SEQUENCE: 1
W--> 90 His Ser Asp Ala Xaa Phe Thr Xaa Xaa Tyr Xaa Arg Xaa Arg Xaa Gln
 91 1               5                   10                  15
 94 Xaa Ala Val Xaa Xaa Tyr Leu Ala Ala Xaa Xaa
 95              20                  25
 98 <210> SEQ ID NO: 2
 99 <211> LENGTH: 28
100 <212> TYPE: PRT
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Synthetic Peptide
107 <220> FEATURE:
108 <221> NAME/KEY: MOD_RES
109 <222> LOCATION: (28)..(28)
110 <223> OTHER INFORMATION: Amidation
112 <400> SEQUENCE: 2
114 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
115 1               5                   10                  15
118 Met Ala Val Lys Lys Tyr Leu Asn Ser Ile Leu Asn
119              20                  25
122 <210> SEQ ID NO: 3
123 <211> LENGTH: 27
124 <212> TYPE: PRT
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
128 <223> OTHER INFORMATION: Synthetic Peptide
131 <220> FEATURE:
132 <221> NAME/KEY: MOD_RES
133 <222> LOCATION: (27)..(27)
```

RAW SEQUENCE LISTING   DATE: 08/14/2006
PATENT APPLICATION: US/10/536,880A   TIME: 13:33:59

Input Set : A:\272924US0PCT.ST25.txt
Output Set: N:\CRF4\08142006\J536880A.raw

```
134 <223> OTHER INFORMATION: Amidation
136 <400> SEQUENCE: 3
138 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln
139 1               5                   10                  15
142 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu
143             20                  25
146 <210> SEQ ID NO: 4
147 <211> LENGTH: 38
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetic Peptide
155 <220> FEATURE:
156 <221> NAME/KEY: MOD_RES
157 <222> LOCATION: (38)..(38)
158 <223> OTHER INFORMATION: Amidation
160 <400> SEQUENCE: 4
162 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Lys Gln
163 1               5                   10                  15
166 Met Ala Val Lys Lys Tyr Leu Ala Ala Val Leu Gly Lys Arg Tyr Lys
167             20                  25                  30
170 Gln Arg Val Lys Asn Lys
171           35
174 <210> SEQ ID NO: 5
175 <211> LENGTH: 31
176 <212> TYPE: PRT
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Synthetic Peptide
183 <220> FEATURE:
184 <221> NAME/KEY: MOD_RES
185 <222> LOCATION: (31)..(31)
186 <223> OTHER INFORMATION: Amidation
188 <400> SEQUENCE: 5
190 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Arg Gln
191 1               5                   10                  15
194 Leu Ala Val Arg Arg Tyr Leu Asn Ser Ile Leu Asn Gly Arg Arg
195             20                  25                  30
198 <210> SEQ ID NO: 6
199 <211> LENGTH: 30
200 <212> TYPE: PRT
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Synthetic Peptide
207 <220> FEATURE:
208 <221> NAME/KEY: MOD_RES
209 <222> LOCATION: (30)..(30)
210 <223> OTHER INFORMATION: Amidation
212 <400> SEQUENCE: 6
```

```
214 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Arg Gln
215 1               5                   10                  15
218 Leu Ala Val Arg Arg Tyr Leu Ala Ala Val Leu Gly Arg Arg
219             20                  25                  30
222 <210> SEQ ID NO: 7
223 <211> LENGTH: 38
224 <212> TYPE: PRT
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Synthetic Peptide
231 <220> FEATURE:
232 <221> NAME/KEY: MOD_RES
233 <222> LOCATION: (38)..(38)
234 <223> OTHER INFORMATION: Amidation
236 <400> SEQUENCE: 7
238 His Ser Asp Gly Ile Phe Thr Asp Ser Tyr Ser Arg Tyr Arg Arg Gln
239 1               5                   10                  15
242 Leu Ala Val Arg Arg Tyr Leu Ala Ala Val Leu Gly Arg Arg Tyr Arg
243             20                  25                  30
246 Gln Arg Val Arg Asn Arg
247         35
250 <210> SEQ ID NO: 8
251 <211> LENGTH: 25
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Synthetic Peptide
259 <220> FEATURE:
260 <221> NAME/KEY: MOD_RES
261 <222> LOCATION: (25)..(25)
262 <223> OTHER INFORMATION: Amidation
264 <400> SEQUENCE: 8
266 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
267 1               5                   10                  15
270 Met Ala Val Lys Lys Tyr Leu Asn Ser
271             20                  25
274 <210> SEQ ID NO: 9
275 <211> LENGTH: 25
276 <212> TYPE: PRT
277 <213> ORGANISM: Artificial Sequence
279 <220> FEATURE:
280 <223> OTHER INFORMATION: Synthetic Peptide
283 <220> FEATURE:
284 <221> NAME/KEY: MOD_RES
285 <222> LOCATION: (17)..(17)
286 <223> OTHER INFORMATION: Oxidation
288 <400> SEQUENCE: 9
290 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
291 1               5                   10                  15
```

```
294 Met Ala Val Lys Lys Tyr Leu Asn Ser
295             20                  25
298 <210> SEQ ID NO: 10
299 <211> LENGTH: 23
300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial Sequence
303 <220> FEATURE:
304 <223> OTHER INFORMATION: Synthetic Peptide
307 <220> FEATURE:
308 <221> NAME/KEY: MOD_RES
309 <222> LOCATION: (23)..(23)
310 <223> OTHER INFORMATION: Amidation
312 <400> SEQUENCE: 10
314 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
315 1               5                  10                  15
318 Leu Ala Val Lys Lys Tyr Leu
319             20
322 <210> SEQ ID NO: 11
323 <211> LENGTH: 23
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial Sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Synthetic Peptide
331 <220> FEATURE:
332 <221> NAME/KEY: MOD_RES
333 <222> LOCATION: (23)..(23)
334 <223> OTHER INFORMATION: Amidation
336 <400> SEQUENCE: 11
338 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Arg Gln
339 1               5                  10                  15
342 Leu Ala Val Arg Arg Tyr Leu
343             20
346 <210> SEQ ID NO: 12
347 <211> LENGTH: 28
348 <212> TYPE: PRT
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Synthetic Peptide
355 <220> FEATURE:
356 <221> NAME/KEY: MOD_RES
357 <222> LOCATION: (28)..(28)
358 <223> OTHER INFORMATION: Amidation
360 <400> SEQUENCE: 12
362 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg Leu Arg Lys Gln
363 1               5                  10                  15
366 Leu Ala Val Lys Lys Tyr Leu Ala Ala Ile Leu Asn
367             20                  25
370 <210> SEQ ID NO: 13
371 <211> LENGTH: 30
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/14/2006
PATENT APPLICATION: US/10/536,880A   TIME: 13:34:00

Input Set : A:\272924US0PCT.ST25.txt
Output Set: N:\CRF4\08142006\J536880A.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the
<220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 5,8,9,11,13,15,17,20,21,26,27
Seq#:17; Xaa Pos. 17

VERIFICATION SUMMARY   DATE: 08/14/2006
PATENT APPLICATION: US/10/536,880A   TIME: 13:34:00

Input Set : A:\272924US0PCT.ST25.txt
Output Set: N:\CRF4\08142006\J536880A.raw

L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:16